

AMENDMENTS TO THE SPECIFICATION

On page 9 and continuing on page 10, please amend the following paragraph:

[0055] S030153 is a mid maturity group 0 variety with resistance to ~~Roundup™~~
~~herbicide conferring tolerance to~~ glyphosate herbicides, including ROUNDUP herbicide.
S030153 has very high yield potential when compared to lines of similar maturity and has
excellent agronomic characteristics including lodging resistance.

On page 10, please amend the following paragraph:

[0074] Physiological Responses: ~~Roundup Ready™~~ ROUNDUP Herbicide: Resistant

On page 11, please amend the following paragraph:

[0077] The cultivar S030153 is similar to 501577. While similar to 501577, there are
numerous differences including: S030153 has the gene for resistance to the ~~Roundup™~~
herbicides ROUNDUP herbicide and 501577 does not contain this gene. Additionally,
S030153 has a brown pod wall color while 501577 has a tan pod wall color.

On page 22, please amend the following paragraph:

[0126] A. Modified fatty acid metabolism, for example, by transforming a plant with
an antisense gene of ~~stearoyl-ACP desaturase~~ stearyl-ACP desaturase to increase stearic
acid content of the plant. See Knultzon et al., *Proc. Natl. Acad. Sci. U.S.A.* 89:2624
(1992).

On page 31, please delete the first paragraph and replace as follows:

[0149] A deposit of the Mertec LLC proprietary soybean cultivar S030153 disclosed
above and recited in the appended claims has been made with the American Type Culture
Collection (ATCC), 10801 University Boulevard, Manassas, Virginia 20110. The date of
deposit was May 3, 2006. The deposit of 2,500 seeds was taken from the same deposit
maintained by Mertec LLC since prior to the filing date of this application. All restrictions
upon the deposit have been removed, and the deposit is intended to meet all of the

requirements of 37 C.F.R. §1.801-1.809. The ATCC accession number is PTA-7575. The deposit will be maintained in the depository for a period of 30 years, or 5 years after the last request, or for the effective life of the patent, whichever is longer, and will be replaced as necessary during that period.

On page 31, please amend the following paragraph with the following:

[0150] Although the foregoing invention has been described in some detail by way of illustration and example for purposes of clarity and understanding. ~~However, it, it~~ will be obvious that certain changes and modifications such as single gene modifications and mutations, somoclonal variants, variant individuals selected from large populations of the plants of the instant variety and the like may be practiced within the scope of the invention, as limited only by the scope of the appended claims.